OBSERVATIONS & RECOMMENDATIONS

After reviewing data collected from **NUBANUSIT LAKE** the program coordinators recommend the following actions.

FIGURE INTERPRETATION

- Figure 1: These graphs illustrate concentrations of chlorophyll-a in the water column. Algae are microscopic plants that are a natural part of lake ecosystems. Algae contain chlorophyll-a, a pigment necessary for photosynthesis. A measure of chlorophyll-a can indicate the abundance of algae in a lake. The historical data (the bottom graph) show a *stabilizing* in-lake chlorophyll-a trend. Algal abundance in June was extremely low, and chlorophyll-a concentrations have remained well below the New Hampshire mean for over ten years. While algae are present in all lakes, an excess amount of any type is not welcomed. Concentrations can increase when there are external and internal sources of phosphorus, which is the nutrient algae depend upon for growth. It's important to continue the education process and keep residents aware of the sources of phosphorus and how it influences lake quality.

- Figure 2: Water clarity is measured by using a Secchi disk. Clarity, or transparency, can be influenced by such things as algae, sediments from erosion, and natural colors of the water. The graphs on this page show historical and current year data. The lower graph shows a *slightly improving* trend in lake transparency. Water clarity for Nubanusit Lake improved again this season, although a viewscope was used. Viewscopes can aid in obtaining higher clarity readings. Transparency has remained above the New Hampshire mean reference line for over ten years and continues to make the lake recreationally and aesthetically pleasing. The 2000 sampling season was considered to be wet and, therefore, average transparency readings are expected to be slightly lower than last year's readings. Higher amounts of rainfall usually cause more eroding of sediments into the lake and streams, thus decreasing clarity.

- Figure 3: These figures show the amounts of phosphorus in the epilimnion (the upper layer in the lake) and the hypolimnion (the lower layer); the inset graphs show current year data. Phosphorus is the limiting nutrient for plants and algae in New Hampshire waters. Too much phosphorus in a lake can lead to increases in plant growth

over time. These graphs show a *stable* trend for in-lake phosphorus levels. Phosphorus concentrations remain at healthy levels in both the epilimnion and hypolimnion, and are well below the state median for total phosphorus. One of the most important approaches to reducing phosphorus levels is educating the public. Humans introduce phosphorus to lakes by several means: fertilizing lawns, septic system failures, and detergents containing phosphates are just a few. Keeping the public aware of ways to reduce the input of phosphorus to lakes means less productivity in the lake. Contact the VLAP coordinator for tips on educating your lake residents or for ideas on testing your watershed for phosphorus inputs.

OTHER COMMENTS

- **Please note** on two occasions this summer phosphorus levels were found to be less than 5 µg/L (Table 8). In June, phosphorus concentrations in the epilimnion and Shadrack Pond Brook were less than 5 ìg/L. In August, phosphorus concentrations in the epilimnion and the outlet were less than 5 ìg/L. The NHDES Laboratory Services adopted a new method of analyzing total phosphorus this year and the lowest value that can be recorded is less than 5 µg/L. If this caused an increase in the average phosphorus for either of the layers we would like to remind the association that a reading of 5 µg/L is still considered low for New Hampshire's waters. If the association is not pleased with the less than 5 ìg/L results, samples could be brought to the satellite laboratory at Franklin Pierce College in Rindge, NH. The laboratory at Franklin Pierce College can record results that are less than 5 ìg/L. If you would like to use the Franklin Pierce Laboratory please contact Michelle Hood, Laboratory Manager, at (603) 899-4384.

- The bald eagles returned this season, although they did not nest on Nubanusit Lake. They did choose a more secluded habitat, and nested on Spoonwood Pond. We are pleased that they returned to use the plentiful resources of Nubanusit Lake and Spoonwood Pond, and hope that they will successfully reproduce in the future.

- Conductivity (Table 6) remains low throughout the lake, and is a positive sign of the overall health of the lake and the surrounding watershed. Conductivity increases often indicate the influence of human activities on surface waters. Septic system leachate, agricultural runoff, iron deposits, and road runoff can each influence conductivity readings.

- E. coli concentrations at all sites tested were well below the state standard of 406 counts per 100 mL for Class B surface waters (Table 12). If you are concerned about public use of the boat landing for a swimming area, testing after peak usage is recommended.

- Dissolved oxygen was again high at all depths of the lake (Table 9). As stratified lakes age, oxygen is depleted in the lower layer by the process of decomposition. The lack of this aging indicator is a sign of the lake's overall health.

NOTES

- Monitor's Note (8/8/00): Epilimnion phosphorus bottle overflowed.

USEFUL RESOURCES

Comprehensive Shoreland Protection Act, RSA 483-B, WD-BB-35, NHDES Fact Sheet. (603) 271-3503 or www.state.nh.us

Lake Protection Tips: Some Do's and Don'ts for Maintaining Healthy Lakes, WD-BB-9, NHDES Fact Sheet, (603) 271-3503 or www.state.nh.us

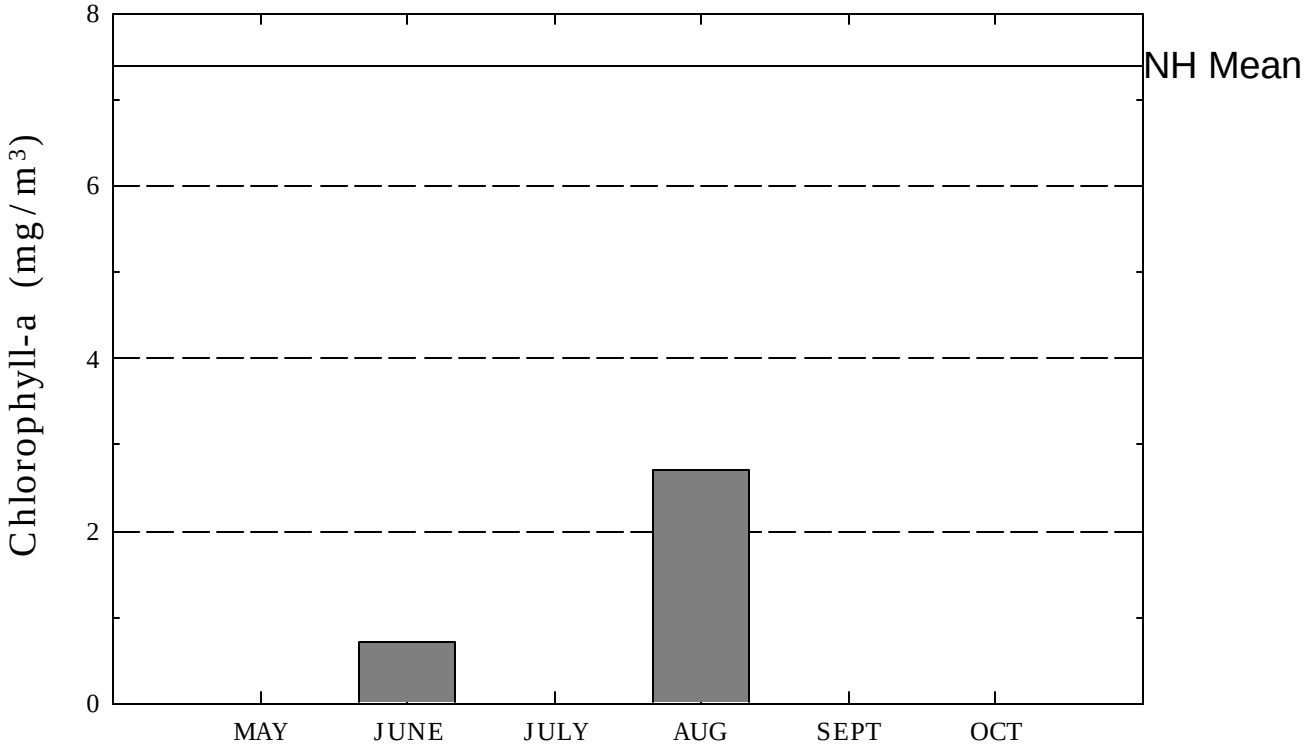
Clean Water in Your Watershed. Terrene Institute, 1993. (703) 661-1582.

Weed Watchers: An Association to Halt the Spread of Exotic Aquatic Plants, WD-BB-4, NHDES Fact Sheet, (603) 271-3503 or www.state.nh.us

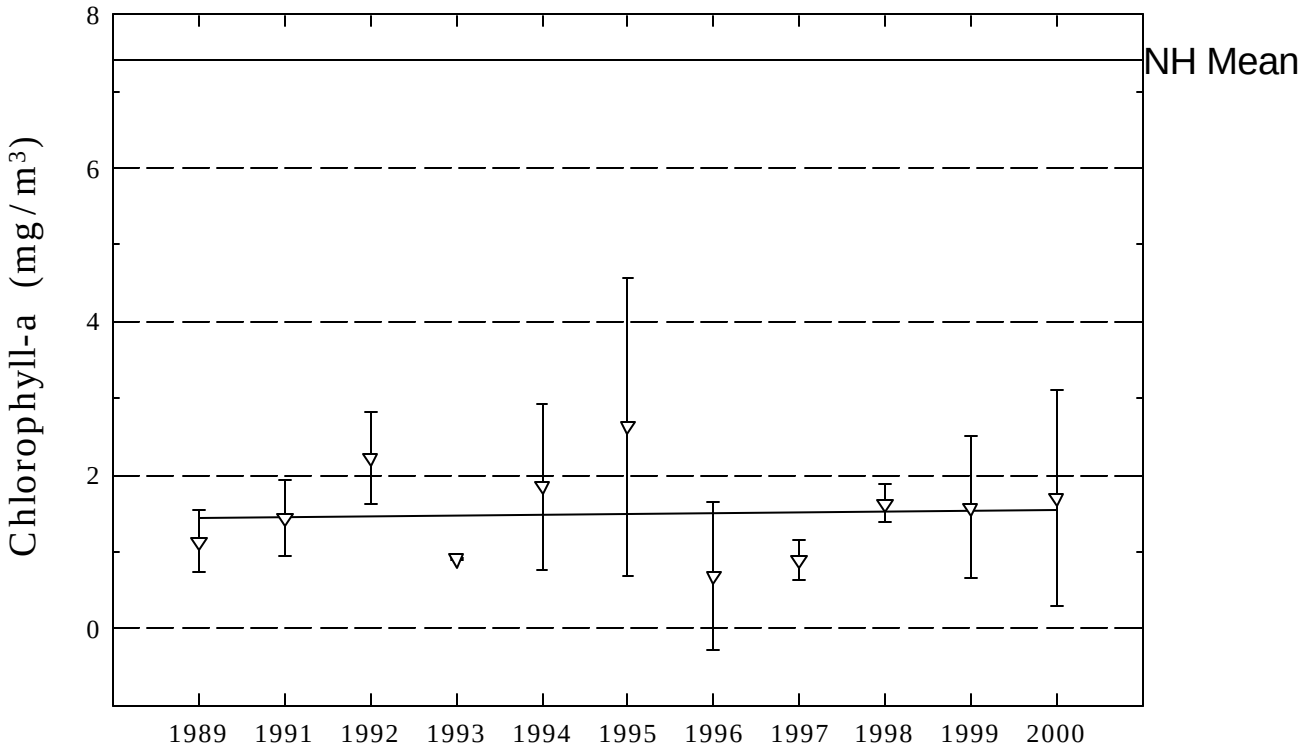
Low Impact Boating, NH Lakes Association pamphlet, (603) 226-0299 or www.nhlakes.org

Nubanusit Lake

Figure 1. Monthly and Historical Chlorophyll-a Results



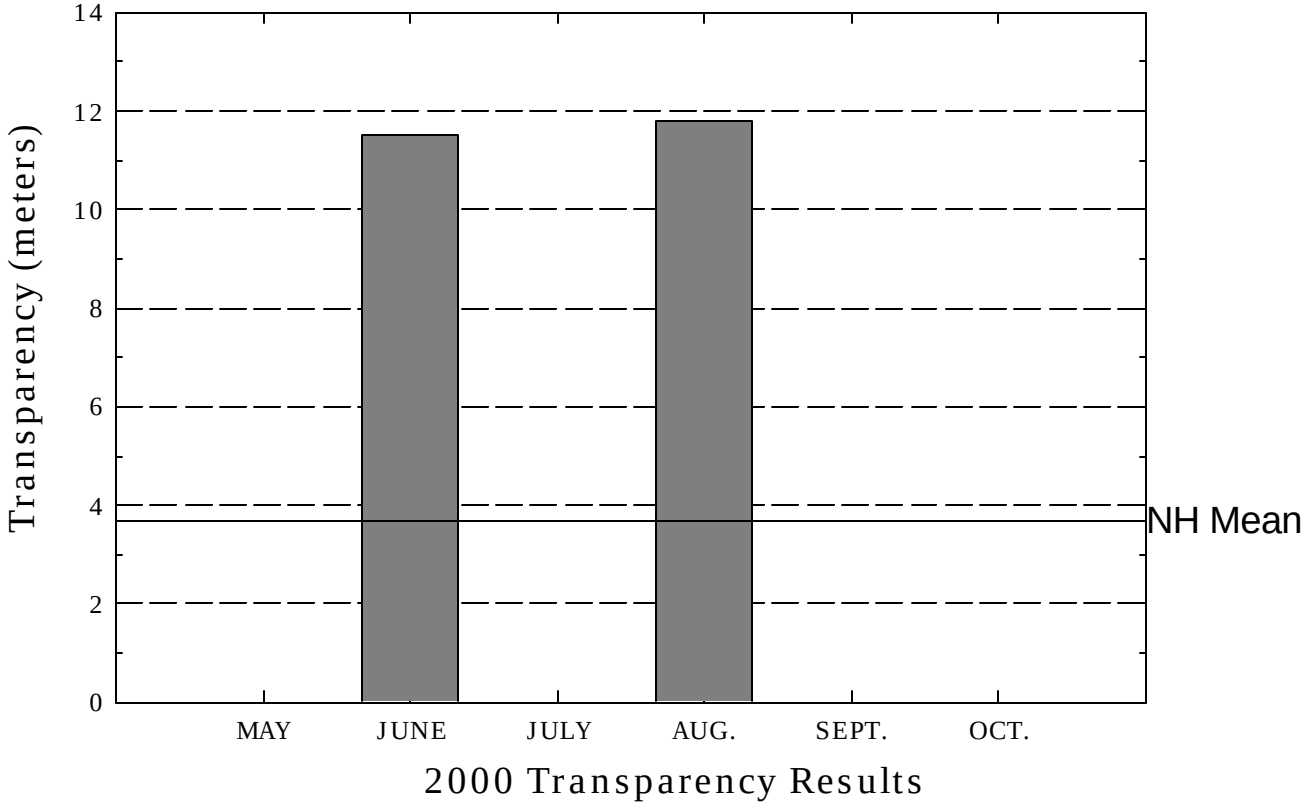
2000 Chlorophyll-a Results

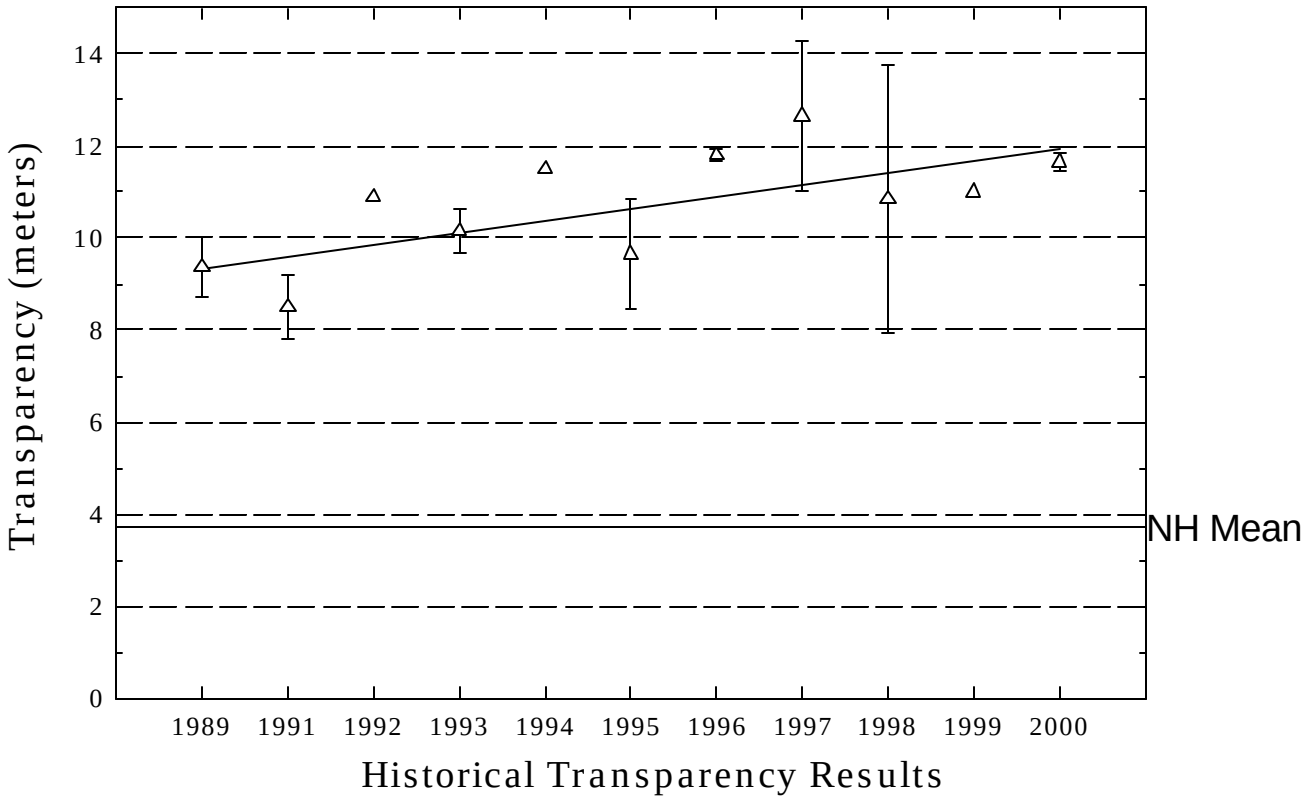


Historical Chlorophyll-a Results

Nubanusit Lake

Figure 2. Monthly and Historical Transparency Results





Nubanusit Lake

Figure 3. Monthly and Historical Total Phosphorus Data.

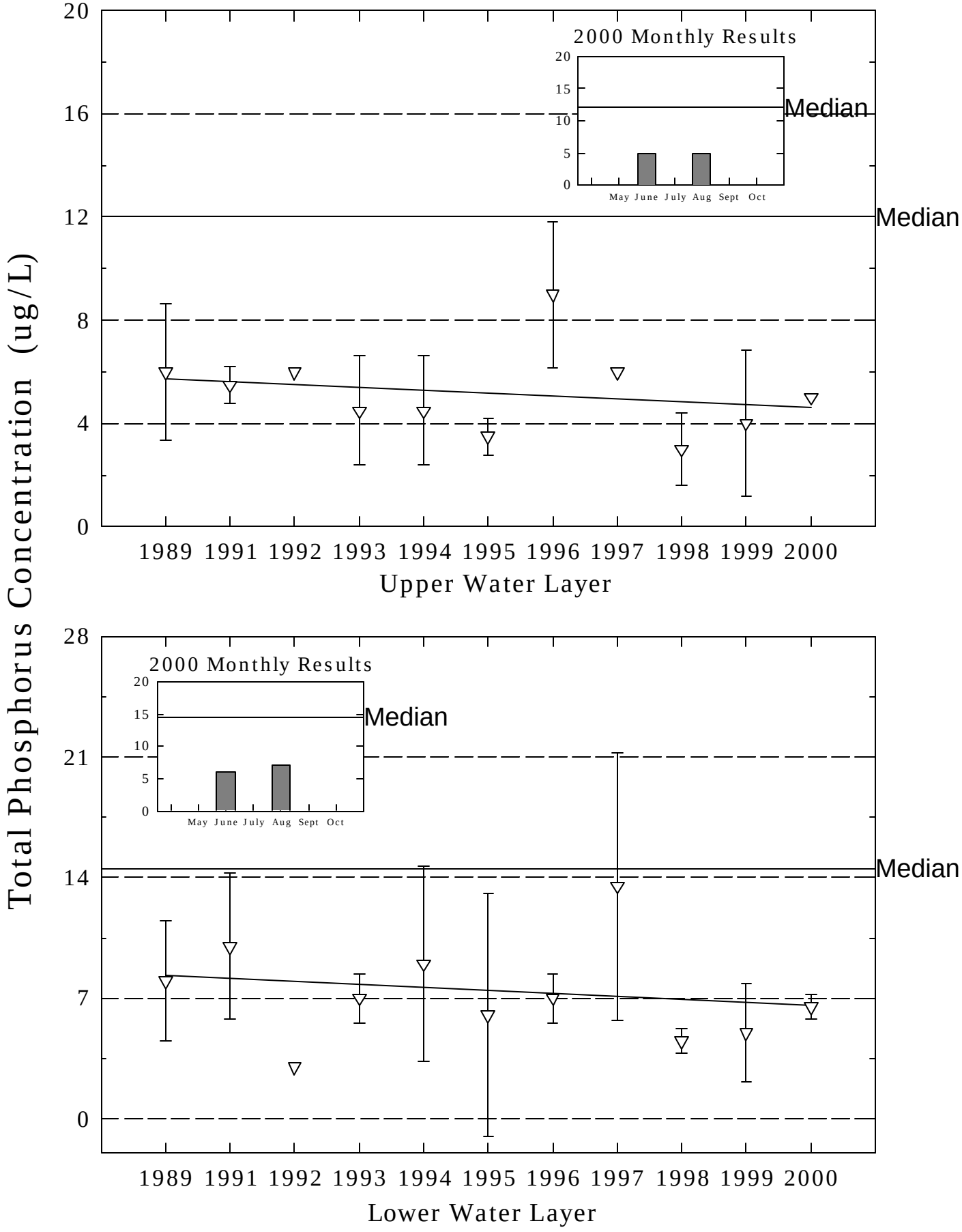


Table 1.

NUBANUSIT LAKE

NELSON

Chlorophyll-a results (mg/m^3) for current year and historical sampling periods.

Year	Minimum	Maximum	Mean
1989	0.68	1.47	1.13
1991	1.09	1.80	1.44
1992	1.80	2.64	2.22
1993	0.90	0.92	0.91
1994	1.09	2.62	1.85
1995	1.26	4.01	2.63
1996	0.00	1.37	0.68
1997	0.71	1.07	0.89
1998	1.45	1.80	1.62
1999	0.93	2.23	1.58
2000	0.71	2.70	1.70

Table 2.

NUBANUSIT LAKE

NELSON

Phytoplankton species and relative percent abundance.

Summary for current and historical sampling seasons.

Date of Sample	Species Observed	Relative % Abundance
07 / 09 / 1991	TABELLARIA	49
	UROGLENOPSIS	20
	ASTERIONELLA	9
08 / 12 / 1992	CHRYSOSPHAERELLA	70
	TABELLARIA	15
07 / 07 / 1993	TABELLARIA	29
	DINOBRYON	25
	ANABAENA	23
08 / 04 / 1994	CHRYSOSPHAERELLA	60
	PERIDINIUM	12
08 / 25 / 1995	DINOBRYON	43
	TABELLARIA	32
	CHRYSOSPHAERELLA	12
08 / 26 / 1996	CHRYSOSPHAERELLA	34
	STAURASTRUM	27
07 / 30 / 1997	CHRYSOSPHAERELLA	79
	DINOBRYON	7
	PERIDINIUM	4
07 / 28 / 1998	CHRYSOSPHAERELLA	39
	STAURASTRUM	20
	ARTHRODESMUS	14
08 / 10 / 1999	CHRYSOSPHAERELLA	45
	UROGLENOPSIS	19
	SYNURA	13
08 / 08 / 2000	CHRYSOSPHAERELLA	50
	DINOBRYON	32
	STAURASTRUM	6

Table 3.

NUBANUSIT LAKE

NELSON

Summary of current and historical Secchi Disk transparency results (in meters).

Year	Minimum	Maximum	Mean
1989	9.0	10.1	9.3
1991	8.0	9.0	8.5
1992	10.9	10.9	10.9
1993	9.8	10.5	10.1
1994	11.5	11.5	11.5
1995	8.8	10.5	9.6
1996	11.7	11.9	11.8
1997	11.5	13.8	12.6
1998	8.8	12.9	10.8
1999	11.0	11.0	11.0
2000	11.5	11.8	11.6

Table 4.

NUBANUSIT LAKE

NELSON

pH summary for current and historical sampling seasons.
Values in units, listed by station and year.

Station	Year	Minimum	Maximum	Mean
DALOZ COVE				
	1987	6.25	6.25	6.25
	1988	6.05	6.21	6.12
	1989	6.26	6.28	6.27
	1992	5.85	6.26	6.01
	1993	6.12	6.31	6.20
	1994	6.24	6.31	6.27
	1995	5.52	6.56	5.78
	1996	5.82	6.12	5.94
	1997	5.86	6.49	6.07
	1998	5.93	6.05	5.99
	1999	6.04	6.05	6.04
	2000	6.12	6.21	6.16
EPILIMNION				
	1981	5.70	5.70	5.70
	1982	5.10	5.30	5.19
	1983	5.40	5.60	5.49
	1984	6.00	6.00	6.00
	1985	6.10	6.10	6.10
	1986	5.90	5.90	5.90
	1987	5.74	6.12	5.92
	1988	6.56	6.56	6.56
	1989	5.91	6.19	6.07
	1991	6.30	6.30	6.30
	1992	5.98	5.98	5.98
	1993	6.22	6.43	6.31
	1994	6.37	6.43	6.40

Table 4.

NUBANUSIT LAKE

NELSON

pH summary for current and historical sampling seasons.
Values in units, listed by station and year.

Station	Year	Minimum	Maximum	Mean
	1995	6.17	6.27	6.22
	1996	6.01	7.04	6.27
	1997	6.30	7.18	6.55
	1998	6.11	6.19	6.15
	1999	6.06	6.35	6.18
	2000	6.05	6.11	6.08
HANCOCK LANDING				
	1981	4.60	5.80	4.87
	1982	5.20	5.20	5.20
	1983	5.20	5.60	5.36
	1984	5.90	5.90	5.90
	1985	6.10	6.10	6.10
	1986	5.90	6.00	5.95
	1987	5.64	6.18	5.83
	1988	6.09	6.16	6.12
	1989	5.92	6.28	6.08
	1992	5.94	6.42	6.12
	1993	6.20	6.31	6.25
	1994	6.25	6.29	6.27
	1995	6.14	6.14	6.14
	1996	5.86	6.11	5.97
	1997	5.94	6.60	6.16
	1998	6.05	6.15	6.10
	1999	6.08	6.13	6.10
	2000	6.10	6.21	6.15

Table 4.

NUBANUSIT LAKE

NELSON

pH summary for current and historical sampling seasons.
Values in units, listed by station and year.

Station	Year	Minimum	Maximum	Mean
HYPOLIMNION				
	1989	5.69	5.85	5.78
	1991	5.80	5.87	5.83
	1992	5.45	5.45	5.45
	1993	5.88	6.16	6.00
	1994	5.69	5.90	5.78
	1995	5.94	6.10	6.01
	1996	5.63	5.71	5.67
	1997	5.49	6.16	5.71
	1998	5.59	5.89	5.71
	1999	5.78	5.85	5.81
	2000	5.60	5.82	5.70
LOT 10 INLET				
	1995	6.52	6.52	6.52
	1997	6.60	6.61	6.60
	1998	6.06	6.20	6.12
	1999	6.59	6.64	6.61
	2000	6.11	6.41	6.23
METALIMNION				
	1989	5.86	6.29	6.05
	1991	6.10	6.39	6.22
	1992	5.96	6.54	6.16
	1993	6.13	6.24	6.18
	1994	6.09	6.16	6.12
	1995	6.11	6.44	6.24
	1996	5.66	5.77	5.71

Table 4.

NUBANUSIT LAKE

NELSON

pH summary for current and historical sampling seasons.
Values in units, listed by station and year.

Station	Year	Minimum	Maximum	Mean
	1997	5.74	6.48	5.97
	1998	5.97	5.98	5.97
	1999	5.67	5.74	5.70
	2000	5.66	6.10	5.83
OUTLET				
	1981	5.70	5.80	5.75
	1982	5.00	5.10	5.05
	1983	5.70	6.10	5.86
	1984	6.00	6.00	6.00
	1985	6.10	6.10	6.10
	1986	6.00	6.00	6.00
	1987	5.76	5.90	5.82
	1988	6.04	6.12	6.08
	1989	5.85	6.19	6.04
	1991	6.10	6.36	6.21
	1992	5.88	6.23	6.02
	1993	6.15	6.26	6.21
	1994	6.23	6.25	6.24
	1996	5.90	6.15	6.01
	1997	6.05	6.30	6.16
	1998	5.94	6.11	6.02
	1999	6.13	6.30	6.21
	2000	6.17	6.19	6.18
PERDUE COVE				
	2000	6.31	6.31	6.31

Table 4.

NUBANUSIT LAKE

NELSON

pH summary for current and historical sampling seasons.
Values in units, listed by station and year.

Station	Year	Minimum	Maximum	Mean
PRIEST'S WATER WELL				
	1988	7.09	7.09	7.09
PUBLIC BEACH INLET				
	1992	6.31	6.31	6.31
SHADRACK POND BROOK				
	1994	5.43	5.43	5.43
	1995	5.56	5.71	5.63
	1996	5.70	5.74	5.72
	1997	5.26	5.73	5.43
	1998	5.90	6.07	5.98
	1999	6.41	6.47	6.44
	2000	5.98	6.25	6.09
SOUTH END				
	1994	6.23	6.23	6.23
SPOONWOOD DAM				
	1993	6.11	6.25	6.16
	1994	6.07	6.11	6.09
	1995	6.25	6.56	6.38
	1996	5.76	6.06	5.88
	1997	5.91	5.98	5.94
	1998	5.97	5.98	5.97
	1999	6.19	6.33	6.25
	2000	6.01	6.12	6.06

Table 5.

NUBANUSIT LAKE

NELSON

Summary of current and historical Acid Neutralizing Capacity.
Values expressed in mg/L as CaCO .

Epilimnetic Values

Year	Minimum	Maximum	Mean
1981	2.00	2.30	2.15
1982	0.40	1.20	0.80
1983	0.80	2.20	1.50
1984	0.63	0.63	0.63
1985	0.57	0.57	0.57
1986	0.36	0.40	0.38
1987	0.70	1.90	1.10
1988	1.90	1.90	1.90
1989	0.70	0.80	0.73
1991	1.00	1.30	1.15
1992	1.00	1.00	1.00
1993	0.90	1.10	1.00
1994	1.00	1.10	1.05
1995	1.00	1.00	1.00
1996	1.20	2.00	1.60
1997	0.80	2.50	1.65
1998	1.00	1.60	1.30
1999	1.10	1.80	1.45
2000	1.00	1.30	1.15

Table 6.

NUBANUSIT LAKE

NELSON

Specific conductance results from current and historic sampling seasons. Results in uMhos/cm.

Station	Year	Minimum	Maximum	Mean
DALOZ COVE				
	1987	20.0	20.0	20.0
	1989	19.6	20.2	19.9
	1992	15.9	19.7	17.8
	1993	19.4	20.0	19.7
	1994	20.2	20.2	20.2
	1995	19.8	20.3	20.0
	1996	20.3	20.4	20.3
	1997	17.5	17.8	17.6
	1998	17.1	17.2	17.1
	1999	18.0	18.5	18.2
	2000	17.6	18.0	17.8
EPILIMNION				
	1987	19.6	19.8	19.7
	1989	19.5	20.0	19.7
	1991	20.2	20.2	20.2
	1992	15.9	15.9	15.9
	1993	19.4	19.7	19.5
	1994	19.8	19.9	19.8
	1995	19.3	19.4	19.3
	1996	20.5	20.7	20.6
	1997	17.7	17.9	17.8
	1998	17.4	17.7	17.5
	1999	18.0	18.6	18.3
	2000	18.0	18.1	18.0

Table 6.

NUBANUSIT LAKE

NELSON

Specific conductance results from current and historic sampling seasons. Results in uMhos/cm.

Station	Year	Minimum	Maximum	Mean
HANCOCK LANDING				
	1987	19.6	19.8	19.7
	1989	19.6	20.0	19.7
	1991	19.8	19.8	19.8
	1992	15.5	19.2	17.3
	1993	19.2	20.0	19.6
	1994	20.2	20.2	20.2
	1995	19.4	19.4	19.4
	1996	20.4	20.7	20.5
	1997	17.7	17.8	17.7
	1998	17.3	17.7	17.5
	1999	17.9	18.7	18.3
	2000	17.6	17.9	17.8
HYPOLIMNION				
	1989	19.9	21.6	20.7
	1991	20.5	21.1	20.8
	1992	15.6	15.6	15.6
	1993	19.6	19.8	19.7
	1994	21.2	21.7	21.4
	1995	19.4	20.2	19.8
	1996	21.9	22.8	22.3
	1997	18.4	18.6	18.5
	1998	18.4	18.9	18.6
	1999	18.7	19.1	18.9
	2000	18.6	20.3	19.4

Table 6.

NUBANUSIT LAKE

NELSON

Specific conductance results from current and historic sampling seasons. Results in uMhos/cm.

Station	Year	Minimum	Maximum	Mean
LOT 10 INLET				
	1995	33.7	33.7	33.7
	1997	21.7	31.4	26.5
	1998	21.3	23.2	22.2
	1999	30.5	31.1	30.8
	2000	19.6	24.9	22.3
METALIMNION				
	1989	19.6	20.0	19.8
	1991	18.7	20.1	19.4
	1992	15.8	19.0	17.4
	1993	18.6	18.9	18.7
	1994	20.1	20.2	20.1
	1995	18.9	21.9	20.4
	1996	21.2	21.3	21.2
	1997	17.2	17.8	17.5
	1998	17.8	27.0	22.4
	1999	18.0	18.3	18.1
	2000	18.1	19.2	18.7
OUTLET				
	1987	20.0	20.0	20.0
	1989	19.8	19.8	19.8
	1991	19.9	20.3	20.1
	1992	15.5	19.2	17.3
	1993	18.4	19.8	19.1
	1994	20.0	20.0	20.0
	1996	20.6	21.7	21.1

Table 6.

NUBANUSIT LAKE

NELSON

Specific conductance results from current and historic sampling seasons. Results in uMhos/cm.

Station	Year	Minimum	Maximum	Mean
	1997	17.6	17.7	17.6
	1998	17.3	17.6	17.4
	1999	18.4	18.5	18.4
	2000	17.7	18.1	17.9
PERDUE COVE				
	2000	18.4	18.4	18.4
PUBLIC BEACH INLET				
	1992	19.2	19.2	19.2
SHADRACK POND BROOK				
	1994	19.5	19.5	19.5
	1995	18.5	19.2	18.8
	1996	17.2	18.5	17.8
	1997	17.1	20.9	19.0
	1998	17.2	17.3	17.2
	1999	18.1	18.4	18.2
	2000	16.9	17.8	17.4
SOUTH END				
	1994	20.1	20.1	20.1
SPOONWOOD DAM				
	1993	19.4	20.3	19.9
	1994	20.3	21.2	20.7
	1995	19.3	20.0	19.6
	1996	20.7	22.4	21.5
	1997	18.1	18.3	18.2
	1998	17.3	17.5	17.4
	1999	18.8	19.0	18.9

Table 6.

NUBANUSIT LAKE

NELSON

Specific conductance results from current and historic sampling seasons. Results in uMhos/cm.

Station	Year	Minimum	Maximum	Mean
	2000	18.0	18.7	18.3

Table 8.

NUBANUSIT LAKE

NELSON

Summary historical and current sampling season Total Phosphorus data. Results in ug/L.

Station	Year	Minimum	Maximum	Mean
DALOZ COVE				
	1989	3	8	5
	1992	2	3	2
	1993	2	3	2
	1994	1	3	2
	1995	3	3	3
	1996	4	8	6
	1997	6	6	6
	1998	2	4	3
	1999	1	6	3
	2000	6	6	6
EPILIMNION				
	1989	3	8	6
	1991	5	6	5
	1992	6	6	6
	1993	3	6	4
	1994	3	6	4
	1995	3	4	3
	1996	7	11	9
	1997	6	6	6
	1998	2	4	3
	1999	2	6	4
	2000	< 5	5	5
HANCOCK LANDING				
	1989	2	7	4
	1991	4	4	4

Table 8.

NUBANUSIT LAKE

NELSON

Summary historical and current sampling season Total Phosphorus data. Results in ug/L.

Station	Year	Minimum	Maximum	Mean
	1992	3	4	3
	1993	2	12	5
	1994	2	12	7
	1995	43	43	43
	1996	6	6	6
	1997	3	5	4
	1998	3	4	3
	1999	1	5	3
	2000	6	6	6
HYPOLIMNION				
	1989	6	12	8
	1991	7	13	10
	1992	3	3	3
	1993	6	8	7
	1994	5	13	9
	1995	1	11	6
	1996	6	8	7
	1997	8	19	13
	1998	4	5	4
	1999	3	7	5
	2000	6	7	6
INLET #1B BEACH				
	1993	24	24	24
LOT 10 INLET				
	1993	54	54	54
	1995	3	3	3

Table 8.

NUBANUSIT LAKE

NELSON

Summary historical and current sampling season Total Phosphorus data. Results in ug/L.

Station	Year	Minimum	Maximum	Mean
	1997	23	38	30
	1998	10	18	14
	1999	22	34	28
	2000	8	15	11
METALIMNION				
	1989	5	9	6
	1991	6	6	6
	1992	2	6	4
	1993	3	6	4
	1994	5	9	7
	1995	3	8	5
	1996	4	13	8
	1997	4	6	5
	1998	4	6	5
	1999	1	6	3
	2000	7	8	7
OUTLET				
	1989	3	7	5
	1991	3	5	4
	1992	5	5	5
	1993	3	5	4
	1994	3	8	5
	1996	7	7	7
	1997	5	12	8
	1998	5	6	5
	1999	4	5	4

Table 8.

NUBANUSIT LAKE

NELSON

Summary historical and current sampling season Total Phosphorus data. Results in ug/L.

Station	Year	Minimum	Maximum	Mean
	2000	< 5	5	5
PERDUE COVE				
	2000	6	6	6
PUBLIC BEACH INLET				
	1992	11	11	11
SHADRACK POND BROOK				
	1993	49	49	49
	1994	21	21	21
	1995	15	17	16
	1996	11	11	11
	1997	26	38	32
	1998	3	4	3
	1999	1	1	1
	2000	< 5	6	5
SOUTH END				
	1994	6	6	6
SPOONWOOD DAM				
	1993	3	5	4
	1994	4	4	4
	1995	2	4	3
	1996	6	6	6
	1997	6	6	6
	1998	4	6	5
	1999	1	5	3
	2000	6	6	6

Table 9.

NUBANUSIT LAKE

NELSON

Current year dissolved oxygen and temperature data.

Depth (meters)	Temperature (celsius)	Dissolved Oxygen (mg/L)	Saturation (%)
		August 8, 2000	
0.1	21.4	7.7	87.5
1.0	21.4	7.7	87.4
2.0	21.4	7.6	86.4
3.0	21.3	7.6	85.8
4.0	21.2	7.6	85.6
5.0	21.2	7.6	85.3
6.0	21.2	7.6	85.4
7.0	20.9	7.6	85.4
8.0	20.8	7.7	86.5
9.0	20.5	7.9	87.5
10.0	19.8	8.2	89.7
11.0	16.5	9.9	100.9
12.0	13.8	10.4	100.3
13.0	12.1	10.5	97.9
14.0	11.4	10.4	95.4
15.0	10.9	10.3	92.9
16.0	10.3	10.3	91.9
17.0	9.4	9.9	86.8
18.0	9.1	9.2	80.0
19.0	8.7	8.7	74.7
20.0	8.2	7.9	67.3
21.0	8.1	7.5	63.6
22.0	7.9	7.0	59.2
23.0	7.7	6.6	55.6
24.0	7.6	6.2	52.1
25.0	7.5	6.1	50.6
26.0	7.5	5.8	48.7
27.0	7.5	5.1	42.5
28.0	7.5	4.4	36.6

Table 9.

NUBANUSIT LAKE

NELSON

Current year dissolved oxygen and temperature data.

Depth (meters)	Temperature (celsius)	Dissolved Oxygen (mg/L)	Saturation (%)
		August 8, 2000	
28.5	7.5	4.3	35.7

Table 10.

NUBANUSIT LAKE

NELSON

Historic Hypolimnetic dissolved oxygen and temperature data.

Date	Depth (meters)	Temperature (celsius)	Dissolved Oxygen (mg/L)	Saturation (%)
July 12, 1989	33.0	8.7	4.0	34.0
July 9, 1991	28.0	6.8	6.4	52.3
August 12, 1992	20.0	7.6	7.5	62.5
July 7, 1993	27.0	5.5	9.3	72.0
August 4, 1994	24.0	5.9	7.3	57.0
August 26, 1996	29.0	8.1	0.5	4.0
July 30, 1997	29.0	7.7	5.5	45.0
July 28, 1998	29.0	8.3	1.8	15.0
August 10, 1999	31.0	7.4	2.8	23.2
August 8, 2000	28.5	7.5	4.3	35.7

Table 11.

NUBANUSIT LAKE

NELSON

Summary of current year and historic turbidity sampling.
Results in NTU's.

Station	Year	Minimum	Maximum	Mean
DALOZ COVE				
	1997	0.1	0.5	0.3
	1998	0.0	0.2	0.1
	1999	0.1	0.1	0.1
	2000	0.1	0.1	0.1
EPILIMNION				
	1997	0.1	0.2	0.1
	1998	0.1	0.6	0.3
	1999	0.1	0.3	0.2
	2000	0.1	0.2	0.1
HANCOCK LANDING				
	1997	0.1	0.3	0.2
	1998	0.1	0.3	0.2
	1999	0.2	0.2	0.2
	2000	0.1	0.2	0.1
HYPOLIMNION				
	1997	0.1	2.5	1.3
	1998	0.2	0.7	0.4
	1999	0.3	0.4	0.3
	2000	0.2	1.8	1.0
LOT 10 INLET				
	1997	0.8	5.0	2.9
	1998	0.5	0.8	0.6
	1999	2.8	4.1	3.4
	2000	0.3	0.7	0.5
METALIMNION				

Table 11.

NUBANUSIT LAKE

NELSON

Summary of current year and historic turbidity sampling.
Results in NTU's.

Station	Year	Minimum	Maximum	Mean
	1997	0.1	0.9	0.5
	1998	0.1	0.2	0.2
	1999	0.3	0.3	0.3
	2000	0.2	0.5	0.4
OUTLET				
	1997	0.1	0.5	0.3
	1998	0.1	0.2	0.2
	1999	0.2	0.4	0.3
	2000	0.2	0.2	0.2
PERDUE COVE				
	2000	0.1	0.1	0.1
SHADRACK POND BROOK				
	1997	0.4	0.5	0.5
	1998	0.1	0.2	0.1
	1999	0.1	0.2	0.1
	2000	0.1	0.1	0.1
SPOONWOOD DAM				
	1997	0.1	0.2	0.2
	1998	0.3	0.6	0.5
	1999	0.1	0.2	0.1
	2000	0.1	0.2	0.2

Table 12.

NUBANUSIT LAKE

NELSON

Summary of current year bacteria sampling.
Results in counts per 100ml.

Location	Date	E. Coli See Note Below
HANCOCK LANDING		
	June 29	< 10
	August 8	20

NOTE: "<" means "less than" and ">" means "greater than"